

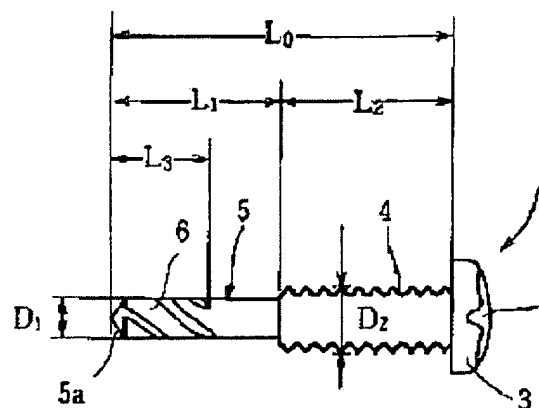
SCREW FOR MORTAR WALL AND DRIVING METHOD THEREOF

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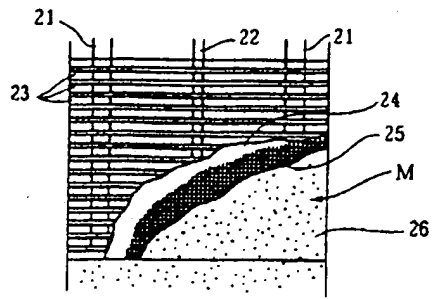
Abstract of JP11153115

PROBLEM TO BE SOLVED: To enhance the working efficiency by driving a screw into a mortar wall with no prepared hole formed by a separate drilling work.

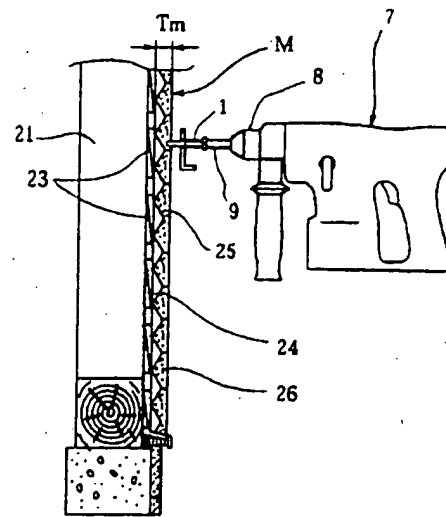
SOLUTION: A screw 1 for a mortar wall, having a head part 3, a thread part 4 and a shank part 5 for drilling a prepared hole, which are formed successively in the mentioned order, is axially vibrated and rotate, and accordingly, a process of drilling a prepared hole and a process of driving a screw are simultaneously carried out. The shank part 5 has an edge part 6 extending by a length L3 of at least 10 mm from the front end 5a thereof, the shank part 5 having a length L1 of 25 to 35 mm, and the thread part 4 having a length L2 of 25 to 35 mm. Further, the shank part 5 and the thread part 4 have diameters D1, D2, respectively, which are set so as to satisfy the following condition; $1.15.D1 \leq D2 \leq 1.45.D1$.



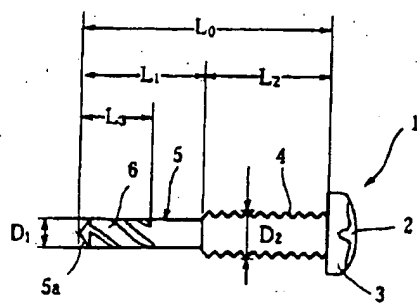
【図1】



【図3】



【図4】



【図5】

